

IN THE SPECIFICATION:

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Please amend the paragraph beginning on page 19, line 27, as follows:

-- The inventors have examined the property of the aforementioned flying head slider 21. The inventors utilized a computer-based simulation so as to observe the distribution of the positive and negative pressure at the bottom surface. The inventors derived the movement of the center of the distribution for the positive pressure as well as of the center of the distribution for the negative pressure. As shown in Fig. 5, when the load beam 19 reduced a load on the flying head slider 21, the center of the distribution of the lift or positive pressure moved on the flying head slider 21 on a path 54 extending along a diagonal line from the center of the rectangular base surface 32. As is apparent from a path 55, the center of the distribution of the negative pressure hardly moved on the flying head slider 21. The inventors have also examined the property of a flying head ~~slider~~slider 56 according to a comparative example. The flying head slider 56 was designed to include the outflow end of the front air bearing surface 36a located near the inflow end of the base surface 32 as compared with the outflow end of the front air bearing surface 36b. It has been confirmed that the center of the distribution of the lift or positive pressure moved on the flying head slider 56 on a path 57 extending along the longitudinal centerline from the center of the rectangular base surface 32. As is apparent from a path 58, the center of the distribution of the negative pressure hardly moved on the flying head slider 56.--